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(54) Title: SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT

(57) Abstract: A system, method and article of manufacture are provided for sorting requests that are being unbatched from a batched message. A group of business objects necessary for a transaction are provided. Logically-related requests received from the business objects are grouped. Sorting rules and/or sort weights are obtained and the requests in the message are sorted and placed in a specific order determined from the sorting rules and/or the sort weights. The sorted requests are batched into a single message which is sent to a data server where the requests are unbatched from the message in the specific order.

INTERNATIONAL SEARCH REPORT

International Application No

PC1/US 00/24082

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 818 730 A (ALSTHOM CGE ALCATEL) 14 January 1998 (1998-01-14) column 1, line 1 -column 2, line 18 ---	1-18
A	YI LIN ET AL: "CONCURRENCY CONTROL IN REAL-TIME DATABASES BY DYNAMIC ADJUSTMENT OF SERIALIZATION ORDER" PROCEEDINGS OF THE REAL TIME SYSTEMS SYMPOSIUM,US,WASHINGTON, IEEE. COMP. SOC. PRESS, vol. SYMP. 11, 5 December 1990 (1990-12-05), pages 104-112, XP000214341 ISBN: 0-8186-2112-5 the whole document --- -/--	1-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"METHOD FOR PERFORMANCE ENHANCEMENT IN THE PARALLEL EXECUTION OF STATIC DATABASE TRANSACTIONS"</p> <p>IBM TECHNICAL DISCLOSURE BULLETIN, US, IBM CORP. NEW YORK,</p> <p>vol. 37, no. 8,</p> <p>1 August 1994 (1994-08-01), pages 609-614,</p> <p>XP000456543</p> <p>ISSN: 0018-8689</p> <p>the whole document</p> <p>-----</p>	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0818730 A	14-01-1998	FR 2751106 A	16-01-1998
		CA 2209697 A	11-01-1998
		JP 10078876 A	24-03-1998
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